

## Abstract

An isolated polynucleotide comprising a polynucleotide sequence selected from the group consisting of

- 5 a) polynucleotide which is at least 70% identical to a polynucleotide that codes for a polypeptide which comprises the amino acid sequence of SEQ ID No. 2,
- b) polynucleotide which codes for a polypeptide that comprises an amino acid sequence which is at least 70% identical to the amino acid sequence of SEQ ID No. 2,
- 10 c) polynucleotide which is complementary to the polynucleotides of a) or b), and
- d) polynucleotide comprising at least 15 successive nucleotides of the polynucleotide sequence of a), b) or c),

15 and processes for the fermentative preparation of L-amino acids using coryneform bacteria in which at least the methH gene is present in enhanced form, and use of the polynucleotide sequences as hybridization probes.

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